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# Home Security System

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# Home Security System

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EET 491 Senior Design Phase II  
IPFW  
December 4, 2001

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## **Abstract**

My IPFW EET 491 Senior Design project is a home security system. The project was designed around an Automation Direct Ethernet communication module connected to a PC. The PC executes a program written in Microsoft Visual Basic to manipulate the security system's inputs and outputs. TCP/IP protocol is utilized for communication between the Ethernet module and the I/O.

Upon completion, the project functions correctly and meets all of the testing criteria. The security system was completed on time and was within budget. The system was designed with the flexibility for future expansion.

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